



ATTORNEY DOCKET NO. 14014.0347U3

SEQUENCE LISTING

<110> The Government of the United States, as represented by the
Secretary, Dept. of Health and Human Services

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Sarobe, Pablo
Pendleton, C. David
Feinstone, Stephen M.
Arichi, Tatsumi
Major, Marian E.

<120> MODIFIED HCV PEPTIDE VACCINES

<130> 14014.0347/P

<150> 60/097,446

<151> 1998-08-21

<160> 8

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223>Description of Artificial Sequence:/Note =
synthetic construct

<400> 1

Asp Leu Met Gly Tyr Ile Pro Ala Val
1 / 5

<210> 2

<211> 191

<212> PRT

<213> Artificial Sequence

<220>

<223>Description of Artificial Sequence:/Note =
synthetic construct

<400> 2

Met Ser Thr Asn Pro Lys Pro Gln Lys Lys Asn Lys Arg Asn Thr Asn
1 5 10 15
Arg Arg Pro Gln Asp Val Lys Phe Pro Gly Gly Gly Gln Ile Val Gly
20 25 30
Gly Val Tyr Leu Leu Pro Arg Arg Gly Pro Arg Leu Gly Val Arg Ala
35 40 45
Thr Arg Lys Thr Ser Glu Arg Ser Gln Pro Arg Gly Arg Arg Gln Pro
50 55 60
Ile Pro Lys Ala Arg Arg Pro Glu Gly Arg Thr Trp Ala Gln Pro Gly

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65		70		75		80									
Tyr	Pro	Trp	Pro	Leu	Tyr	Gly	Asn	Glu	Gly	Cys	Gly	Trp	Ala	Gly	Trp
				85					90					95	
Leu	Leu	Ser	Pro	Arg	Gly	Ser	Arg	Pro	Ser	Trp	Gly	Pro	Thr	Asp	Pro
			100					105					110		
Arg	Arg	Arg	Ser	Arg	Asn	Leu	Gly	Lys	Val	Ile	Asp	Thr	Leu	Thr	Cys
			115				120				125				
Gly	Phe	Ala	Asp	Leu	Met	Gly	Tyr	Ile	Pro	Ala	Val	Gly	Ala	Pro	Leu
	130					135					140				
Gly	Gly	Ala	Ala	Arg	Ala	Leu	Ala	His	Gly	Val	Arg	Val	Leu	Glu	Asp
145					150					155				160	
Gly	Val	Asn	Tyr	Ala	Thr	Gly	Asn	Leu	Pro	Gly	Cys	Ser	Phe	Ser	Ile
			165					170					175		
Phe	Leu	Leu	Ala	Leu	Leu	Ser	Cys	Leu	Thr	Val	Pro	Ala	Ser	Ala	
			180					185					190		

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 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>Description of Artificial Sequence:/Note =
 synthetic construct

<400> 3
 Asp Leu Met Gly Tyr Ile Pro Leu Val
 1 5

<210> 4
 <211> 191
 <212> PRT
 <213> Artificial Sequence

<220>
 <223>Description of Artificial Sequence:/Note =
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<400> 4
 Met Ser Thr Asn Pro Lys Pro Gln Lys Lys Asn Lys Arg Asn Thr Asn
 1 5 10 15
 Arg Arg Pro Gln Asp Val Lys Phe Pro Gly Gly Gly Gln Ile Val Gly
 20 25 30
 Gly Val Tyr Leu Leu Pro Arg Arg Gly Pro Arg Leu Gly Val Arg Ala
 35 40 45
 Thr Arg Lys Thr Ser Glu Arg Ser Gln Pro Arg Gly Arg Arg Gln Pro
 50 55 60
 Ile Pro Lys Ala Arg Arg Pro Glu Gly Arg Thr Trp Ala Gln Pro Gly
 65 70 75 80
 Tyr Pro Trp Pro Leu Tyr Gly Asn Glu Gly Cys Gly Trp Ala Gly Trp
 85 90 95
 Leu Leu Ser Pro Arg Gly Ser Arg Pro Ser Trp Gly Pro Thr Asp Pro
 100 105 110
 Arg Arg Arg Ser Arg Asn Leu Gly Lys Val Ile Asp Thr Leu Thr Cys
 115 120 125

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Gly	Phe	Ala	Asp	Leu	Met	Gly	Tyr	Ile	Pro	Leu	Val	Gly	Ala	Pro	Leu
130						135						140			
Gly	Gly	Ala	Ala	Arg	Ala	Leu	Ala	His	Gly	Val	Arg	Val	Leu	Glu	Asp
145					150					155					160
Gly	Val	Asn	Tyr	Ala	Thr	Gly	Asn	Leu	Pro	Gly	Cys	Ser	Phe	Ser	Ile
				165					170					175	
Phe	Leu	Leu	Ala	Leu	Leu	Ser	Cys	Leu	Thr	Val	Pro	Ala	Ser	Ala	
			180					185					190		

<210> 5
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223>Description of Artificial Sequence:/Note =
 synthetic construct

<400> 5
 tcattgggta cataccggcg gtc 23

<210> 6
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223>Description of Artificial Sequence:/Note =
 synthetic construct

<400> 6
 tccaagaggg gcgcgaccg ccg 23

<210> 7
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
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 synthetic construct

<400> 7
 aagactgcta gccgagtagt g 21

<210> 8
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223>Description of Artificial Sequence:/Note =
 synthetic construct

<400> 8
 cacaatactc gagttagggc 20